Semi-Automated Enhanced Visual Inspection System

Target and improve YOUR IV BAG manual inspection process with the <u>enhanced</u> semi-automated inspection machine from AWS Bio-Pharma Technologies



- ⇒ Designed to meet FDA standard manual inspection requirements based on USP 790 and USP 1790.
- ⇒ Provides equal or better inspection results compared to typical manual inspection (subject to your current SOPs).
- ⇒ Minimized eye strain due to enhanced lighting and magnified inspection.
- ⇒ Hands free automated and synchronized material handling throughout the inspection process reducing operator repetitive motions.
- ⇒ System minimizes bubbles and agitates any particles in the bag prior to inspection.
- ⇒ Consistent bag presentation for inspector observation.
- ⇒ Superior LED lighting with consistency and uniformity of 0.05%.
- ⇒ Patent pending.



of IV Bags Operator Interface Terminal 2nd Agitation Station 1st Agitation Station Station PASSED" Unloading Station Bubble Mitigation Station

- REAL dual IV bag inspections
- ♦ Inspectors <u>always</u> in control
- Specialized LED lighting and controls
- "Reject" tracking
- ♦ <u>Enhanced viewing</u> for IV bag inspection
- Design minimizes eye strain
- ♦ High resolution 24" 4K viewing monitors

- Recipe driven cycles
- ♦ Bubble mitigation
- Particulate agitation
- ♦ Automated release of "good" and "bad" IV bags
- ♦ 50ml—1,000 ml IV bags
- ♦ 100% automated bag handling
- ♦ Easy <u>2-step tool-less</u> change over

Due to the above features, the opportunity exists to enhance inspector through-put while reducing eye strain and number of inspectors (rotation reduction), based on current SOPs.

